



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/686,345

10/14/2003

Dale W. Malik

190250-1230

7192

38823

7590

11/12/2008

AT&T Legal Department

Attn: Patent Docketing

One AT&T Way

Room 2A-207

Bedminster, NJ 07921

EXAMINER

KIM, HEE SOO

ART UNIT

PAPER NUMBER

2457

MAIL DATE

DELIVERY MODE

11/12/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/686,345	<b>Applicant(s)</b> MALIK ET AL.	
	<b>Examiner</b> HEE SOO KIM	<b>Art Unit</b> 2457	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 July 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>5/6/08, 7/10/08, 7/23/08, 9/3/08</u> .                        | 6) <input type="checkbox"/> Other: _____                          |



### **DETAILED ACTION**

This action is responsive to amendment filed on July 21<sup>st</sup>, 2008.

Claims 1~22 are pending examination.

#### ***Information Disclosure Statement***

The information disclosure statements (IDS) submitted on 5/6/08, 7/10/08, 7/23/08, and 9/3/08 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

#### ***Response to Amendment***

Claims 2 and 20 has been amended to comply with the requirements of 35 USC § 112 ¶2<sup>nd</sup> rejection and thus, withdrawn.

#### ***Response to Arguments***

Applicant's arguments with respect to claims 1~22 have been considered but are moot in view of the new ground(s) of rejection.

#### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

Art Unit: 2457

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1~22 are rejected under 35 U.S.C. 103(a) as being unpatentable by Appelman et al. hereinafter Appelman (U.S 6,912,564) in view of Hickey et al. hereinafter Hickey (U.S 2002/0087646).

Regarding Claim 1,

Appelman taught a communication method comprising the steps of:

providing a user profile having a collection of properties related to a user email folder, the user profile further having a collection of properties related to a user instant messaging (IM) account (Col. 10, Ln. 30~56, subscriber profile data of IM host complex 590; Profile server 5912 may communicate with servers in the OSP host complex 580 to share profile data; Col. 5, Ln. 40~45, OSP host complex supports email services, discussion groups, and other services; Col. 12, Ln. 53~65, folder attributes set by subscriber of the host system);

defining properties of the user email folder using the user profile (Col. 12, Ln. 53~65); and

defining properties of the user IM account using the user profile (Col. 10, Ln. 30~40); and

providing at least one interface for displaying the user profile, including the defined properties of the user email folder and the defined properties of the user IM account (Col. 10, Ln. 30~40, profile server is used to enter, retrieve, edit, manipulate or process subscriber profile data implying an interface is displayed to the user).

While Appelman taught an interface for users being able to set their email and instant messaging preferences in the subscription profile data, Appelman did not explicitly teach:

wherein the interface is further configured to provide at least one group email message corresponding to at least one group email folder, the group email folder configured such that members of a group associated with the group email folder have access to the group email message, wherein the interface is further configured to provide an option to provide at least one user-specific email, the user specific email being different than the group email message, and wherein the group email message includes an access indicator for each member of the group, the access indicator configured to indicate which members of the group have accessed the group email message.

In an analogous art, Hickey taught a system and method for providing a group electronic mailbox that enables multiple users to work collaboratively and/or

Art Unit: 2457

simultaneously with one or more communications received in the mail box (see Abstract), and in addition to each user typically having an individual mailbox as well as access to the group electronic mailbox [¶36]. Hickey further taught each electronic communication includes a status indicator that conveys the status regarding the associated one or more electronic mails to the members of the group, in which the status information includes read information in which such status changes in response to acts of each member of the group [¶43].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made, to combine the "references" of Hickey (as well as the other relied upon portions of Hickey) into the teachings of Appelman, in order to indicate to each member of the group, through the use of the references, that a group message is stored in the group email folder and further allow members of the group to know whether or not such emails have been reviewed, acted upon, or replied to thereby allowing the members to selectively operate on such electronic communications (Hickey: [¶11]) as well as notifying members or users of the group of any changes in status information of the received electronic communications, so that when a member of the group takes action on an received email, other members of the group can see what has been done (Hickey: [¶16]).

Regarding Claim 2,

Appelman taught the step of providing the user profiles comprises:

assigning a user profile to a user (Col. 10, Ln. 30~56);

permitting the user assigned to the user profile to have access to the at least one user email folder associated with the user profile (Col. 10, Ln. 30~56, Col. 12, Ln. 53~65); and

While Appelman taught an interface for users being able to set their email and instant messaging preferences in the subscription profile data, Appelman did not explicitly teach permitting the user assigned to the user profile to have access to the group email folder.

In an analogous art, Hickey taught a system and method for providing a group electronic mailbox that enables multiple users to work collaboratively and/or simultaneously with one or more communications received in the mail box (see Abstract), and in addition to each user typically having an individual mailbox as well as access to the group electronic mailbox [¶36].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made, to combine the "references" of Hickey (as well as the other relied upon portions of Hickey) into the teachings of Appelman, in order to indicate to each member of the group, through the use of the references, that a group message is stored in the group email folder. See motivation above.

Regarding Claim 3,

Appelman taught a communication method comprising the steps of:

assigning a user profile to a user (Col. 10, Ln. 30~56);

associating a user email folder with the user profile (Col. 12, Ln. 53~65); and

associating a user instant messaging (IM) account with the user profile (Col. 10, Ln. 30~56); and



While Appelman taught an interface for users being able to set their email and instant messaging preferences in the subscription profile data, Appelman did not explicitly teach:

providing at least one interface for displaying the user profile, including the defined properties of the user email folder and the defined properties of the user IM account,

While Appelman taught an interface for users being able to set their email and instant messaging preferences in the subscription profile data, Appelman did not explicitly teach:

wherein the interface is further configured to provide at least one group email message corresponding to at least one group email folder, the group email folder configured such that members of a group associated with the group email folder have access to the group email message, wherein the interface is further configured to provide an option to provide at least one user-specific email, the user specific email being different than the group email message, and wherein the group email message includes an access indicator for each member of the group, the access indicator configured to indicate which members of the group have accessed the group email message.

In an analogous art, Hickey taught a system and method for providing a group electronic mailbox that enables multiple users to work collaboratively and/or simultaneously with one or more communications received in the mail box (see Abstract), and in addition to each user typically having an individual mailbox as well as

access to the group electronic mailbox [¶36]. Hickey further taught each electronic communication includes a status indicator that conveys the status regarding the associated one or more electronic mails to the members of the group, in which the status information includes read information in which such status changes in response to acts of each member of the group [¶43].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made, to combine the "references" of Hickey (as well as the other relied upon portions of Hickey) into the teachings of Appelman, in order to indicate to each member of the group, through the use of the references, that a group message is stored in the group email folder and further allow members of the group to know whether or not such emails have been reviewed, acted upon, or replied to thereby allowing the members to selectively operate on such electronic communications (Hickey: [¶11]) as well as notifying members or users of the group of any changes in status information of the received electronic communications, so that when a member of the group takes action on an received email, other members of the group can see what has been done (Hickey: [¶16]).

Regarding Claim 4,  
Appelman taught further comprising:

defining properties associated with the user email folder as a function of the user profile (Col. 12, Ln. 53~65).

Regarding Claim 5,  
Appelman taught defining properties associated with the user email folder comprises:

assigning a user name associated with the user (Col. 8, Ln. 59~66); and  
assigning a password associated with the user name (Col. 8, Ln. 59~66).

Regarding Claim 6,  
Appelman taught defining properties associated with the user email folder  
comprises:

assigning a user type associated with the user (Fig. 9, Gostastepsu is the user  
under the user type 'Friends').

Regarding Claim 7,  
Appelman taught defining properties associated with the user email folder  
comprises:

assigning a collection of email folders to the user (Col. 11, Ln. 45~47).

Regarding Claim 8,  
Appelman taught assigning the collection of email folders to the user comprises:  
storing post office protocol 3 (POP3) server information for each email folder in  
the collection of email folders (Col. 5, Ln. 47~52).

Regarding Claim 9,  
Appelman taught assigning the collection of email folders to the user comprises:  
storing simple mail transfer protocol (SMTP) server information for each email  
folder in the collection of email folders (Col. 5, Ln. 47~52).

Regarding Claim 10,  
Appelman taught properties associated with the user email folder comprises:

storing email filter settings (Col. 12, Ln. 53~65).

Regarding Claim 11,  
Appelman taught defining properties associated with the user email folder  
comprises storing an address book associated with the user (Col. 14, Ln. 15~23).

Regarding Claim 12,

Appelman taught storing the address book associated with the user comprises assigning address book settings to the address book (Col. 14, Ln. 15~23).

Regarding Claim 13,

Appelman taught further comprising:

defining properties associated with the user IM account as a function of the user profile (Col. 10, Ln. 30~40).

Regarding Claim 14,

Appelman taught defining properties associated with the user IM account comprises:

assigning a user name associated with the user (Col. 8, Ln. 59~66); and

assigning a password associated with the user name (Col. 8, Ln. 59~66).

Regarding Claim 15,

Appelman taught defining properties associated with the user IM account comprises:

assigning a user type associated with the user (Fig. 9, Gostastepsu is the user under the user type 'Friends').

Regarding Claim 16,

Appelman taught defining properties associated with the user IM account comprises:

assigning a collection of IM accounts to the user (Col. 11, Ln. 45~47).

Regarding Claim 17,

Appelman taught storing a contact list associated with the user (Col. 10, Ln. 30~40).

Regarding Claim 18,

Appelman taught a communication system comprising:

a user profile (Col. 10, Ln. 30~56);  
a user email folder associated with the user profile (Col. 12, Ln. 53~65); and  
a user instant messaging (IM) account associated with the user profile Col. 10, Ln. 30~56); and  
an interface for displaying the user profile, including the defined properties of the user email folder and the defined properties of the user IM account (Col. 10, Ln. 30~40, profile server is used to enter, retrieve, edit, manipulate or process subscriber profile data implying an interface is displayed to the user).

While Appelman taught an interface for users being able to set their email and instant messaging preferences in the subscription profile data, Appelman did not explicitly teach:

wherein the interface is further configured to provide at least one group email message corresponding to at least one group email folder, the group email folder configured such that members of a group associated with the group email folder have access to the group email message, wherein the interface is further configured to provide an option to provide at least one user-specific email, the user specific email being different than the group email message, and wherein the group email message includes an access indicator for each member of the group, the access indicator configured to indicate which members of the group have accessed the group email message.

In an analogous art, Hickey taught a system and method for providing a group electronic mailbox that enables multiple users to work collaboratively and/or

simultaneously with one or more communications received in the mail box (see Abstract), and in addition to each user typically having an individual mailbox as well as access to the group electronic mailbox [¶36]. Hickey further taught each electronic communication includes a status indicator that conveys the status regarding the associated one or more electronic mails to the members of the group, in which the status information includes read information in which such status changes in response to acts of each member of the group [¶43].

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made, to combine the "references" of Hickey (as well as the other relied upon portions of Hickey) into the teachings of Appelman, in order to indicate to each member of the group, through the use of the references, that a group message is stored in the group email folder and further allow members of the group to know whether or not such emails have been reviewed, acted upon, or replied to thereby allowing the members to selectively operate on such electronic communications (Hickey: [¶11]) as well as notifying members or users of the group of any changes in status information of the received electronic communications, so that when a member of the group takes action on an received email, other members of the group can see what has been done (Hickey: [¶16]).

Regarding Claim 19,

Appelman taught the user profile is configured to define properties associated with the user email folder (Col. 12, Ln. 53~65).

Regarding Claim 20,

Appelman taught the properties associated with the user email folder include at least an email filter setting (Col. 12, Ln. 53~65).

Regarding Claim 21,  
Appelman taught the user profile is configured to define properties associated with the user IM account (Col. 10, Ln. 30~40).

Regarding Claim 22,  
Appelman taught the properties associated with the user IM account include at least a contact list (Col. 10, Ln. 30~40).

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HEE SOO KIM whose telephone number is (571)270-

Art Unit: 2457

3229. The examiner can normally be reached on Monday - Thursday 8:00AM - 5:30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. K./  
11/3/08

/LaShonda T Jacobs/  
Primary Examiner, Art Unit 2457